PREPARING FOR THE BREACH:

BELOW-THE-HORIZON (BTH)
COUNTERMINE/COUNTEROBSTACLE (CMCO)
OPERATIONS IN SUPPORT OF
SHIP-TO-OBJECTIVE MANEUVER (STOM)
IN NON-PERMISSIVE ENVIRONMENTS

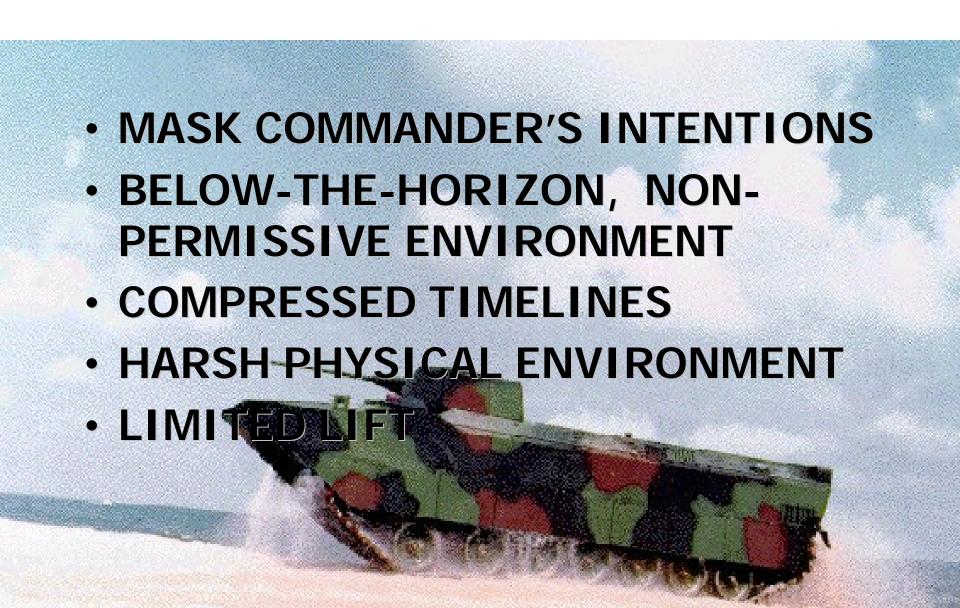




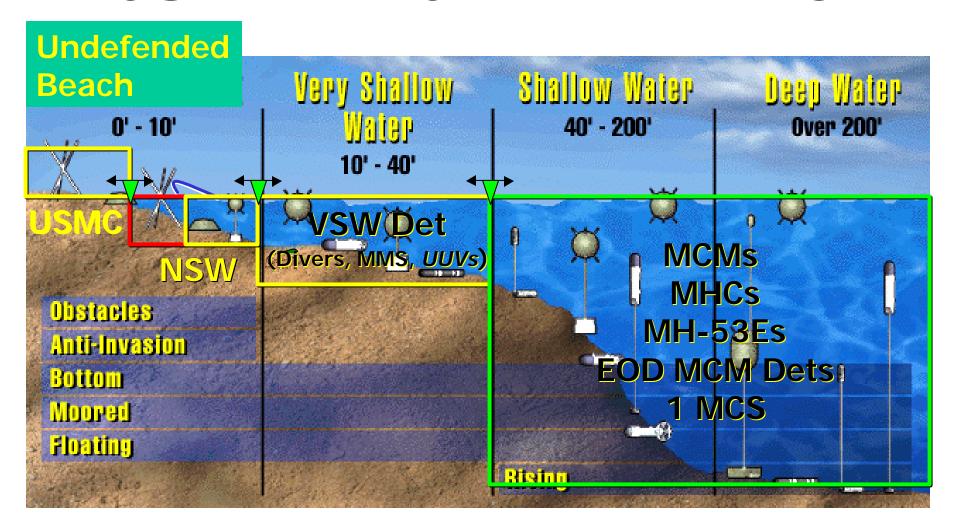
OBJECTIVES OF PAPER

- To scope engineering and technology based solutions to the BTH CMCO problem. The analysis:
 - Identifies issues related to expansion of current Mine Countermeasures (MCM) and obstacle breaching capabilities for conduct of the mission, and
 - Provided a basic plan for improvement of capabilities to meet requirements for this mission as expressed in US Navy and Marine Corps documents over the past 10 years.

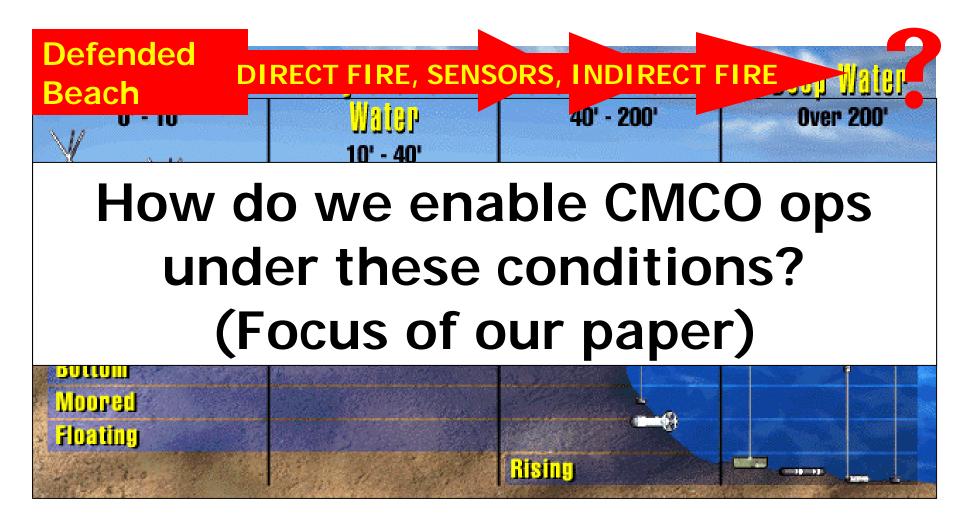
BOUNDING THE PROBLEM



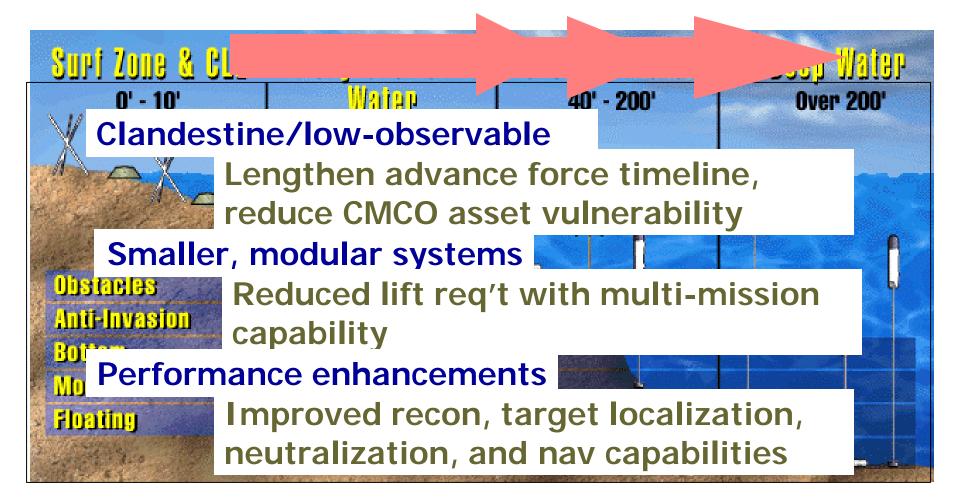
CURRENT CAPABILITIES



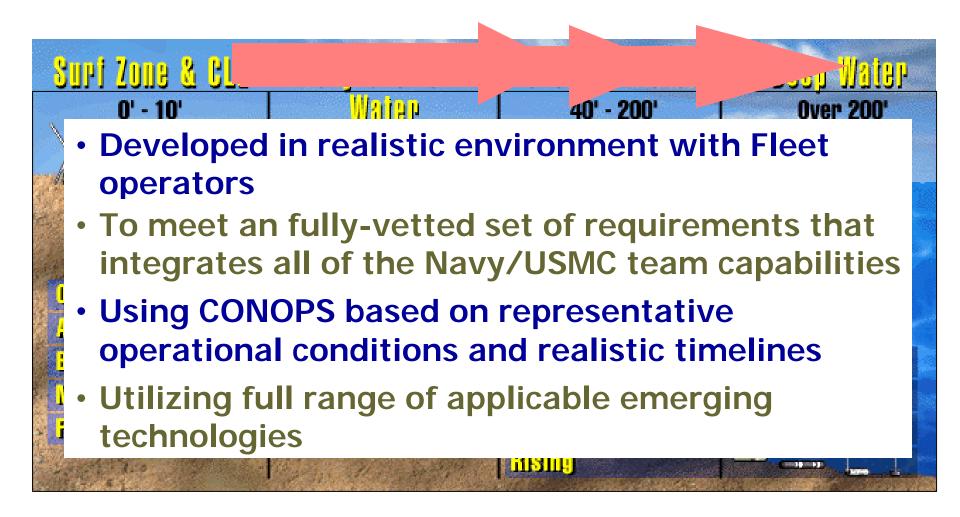
NON-PERMISSIVE ENVIRONMENT



FUTURE SYSTEMS AND CAPABILITIES



RECOMMENDATIONS



AUTHORS

